

# FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

## COMPLETION DATA:

Date Well Completed

8/13/63

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

## LOGS FILED

Driller's Log

8/19/63

Electric Logs (No.)

2

E

I

E-I

GR

GR-N

Micro

Lat

Mil

Sonic

Others

Radiocurity Log Runs 1 thru 4-(2)

out of Potash

*[Signature]*

*[Signature]*

*[Signature]*

*Subsequent Report of Abandonment*

PMB

**SOUTHERN NATURAL GAS COMPANY**  
**EXPLORATION AND PRODUCTION DIVISION**  
P. O. BOX 1513 - ESPERSON BUILDING  
**HOUSTON 1, TEXAS**

April 24, 1963

State of Utah  
Oil and Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Attention: Mr. C. B. Feight

Re: Application for Drilling Permit - Long Canyon  
Unit 2, Long Canyon Field, Grand County, Utah

Dear Sir:

Southern Natural Gas Company is requesting a drilling permit for subject well. Attached are the following documents:

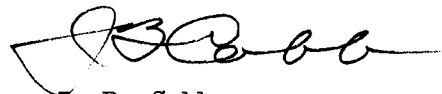
1. Two (2) copies of Form 9-331a - Notice of Intention to Drill
2. Two (2) copies of Well Location Plat
3. Two (2) copies of plat of proposed drilling block for Long Canyon Unit 2

This wells location is approximately 3244' South 47° East of the present producing Long Canyon Unit 1. This well is not located in the center of the 1/4-1/4 Section due to topographical reasons. The well location is approximately 200' from the rim of a canyon. ✓

A copy of this letter is being sent to Mr. H. L. Coonts for his approval of this location. If there is any questions on the attached forms, please contact our Houston Office.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY

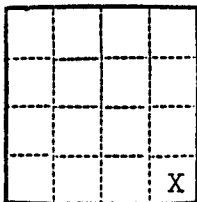


J. B. Cobb  
General Drilling Superintendent

JBC:RHA:jltw  
Attachments

cc: Mr. H. L. Coonts  
Moab, Utah

U.S. Geological Survey  
Salt Lake City, Utah



*Copy H. L. E.*

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-B138.4  
Approval expires 12-31-60.

Land Office Salt Lake City  
Lease No. U-010-529 Utah  
Unit Long Canyon Unit 2

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 24, 1963

*Long Canyon Unit*  
Well No. 2 is located 566 ft. from S line and 597 ft. from E line of sec. 9

*SE* SE/4 of SE/4 Section 9 T26S R20E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
*Cxt* Long Canyon Grand County Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derick floor~~ <sup>GROUND</sup> above sea level is 5846 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PROJECTED DEPTH: 7300' OBJECTIVE: CANE CREEK

CASING PROGRAM: 40' of 16", 65#, H-40, ST&C  
300' of 13-3/8", 54.5#, J-55, ST&C  
4600' of 9-5/8", 53.5# and 40#, N-80 and J-55, LT&C  
7300' of 5-1/2", 20#, N-80, LT&C

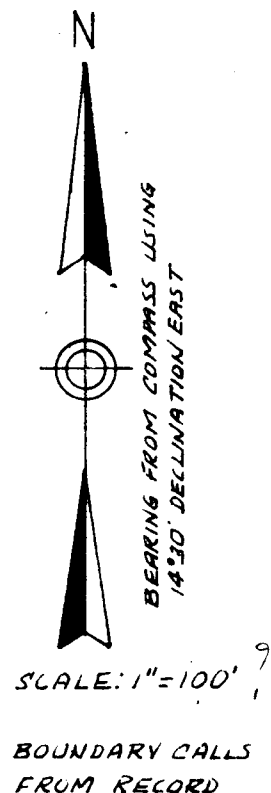
DRILLING METHOD: Air Drill to 4600' (#3 Clastic)  
Mud Drill to T.D.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company

Address P. O. Box 1513  
Houston 1, Texas

By R. H. Adelphi  
Title Petroleum Engineer



ELEVATION CARRIED FROM T.B.M.  
10 E. OF  $\frac{1}{4}$  COR., SECTIONS 15 & 16  
ESTABLISHED FOR ROAD SURVEY  
(5846.74)

UTAH REG'D. LAND SURVEYOR NO 1963

T-20-E

COPY H.D.C.

GULF  $\frac{1}{2}$   
HUMBLE  $\frac{1}{4}$   
S.N.G.  $\frac{1}{4}$

HUMBLE  $\frac{1}{2}$   
S.N.G.  $\frac{1}{2}$

9

RES. VENT  $\frac{7}{8}$   
UNITED T.  $\frac{1}{8}$

JUPITER CORP.  $\frac{1}{2}$   
RESOURCE V.  $\frac{3}{8}$   
UNITED TECH.  $\frac{1}{8}$

Approx. Loc.

FEDERAL

FEDERAL

FEDERAL

GULF  $\frac{1}{2}$   
HUMBLE  $\frac{1}{4}$   
S.N.G.  $\frac{1}{4}$

HUMBLE  $\frac{1}{2}$   
S.N.G.  $\frac{1}{2}$

HUMBLE  $\frac{1}{2}$   
S.N.G.  $\frac{1}{2}$

16

15

STATE

FEDERAL

FEDERAL

PROPOSED DRILLING BLOCK  
LONG CANYON UNIT AREA  
GRAND COUNTY, UTAH

--- DRILLING BLOCK, WELL LOCATION APPROX 800' N & 400' W OF SE COR. SEC. 9 T 26 S R 20 E

WORKING INTEREST OWNERSHIP

HUMBLE OIL & REFINING COMPANY  
SOUTHERN NATURAL GAS COMPANY  
GULF OIL CORPORATION

4.0 ACRES  
4.0 "  
" "  
4.0 ACRES

35.0 %  
35.0 %  
30.0 %  
100.0 %

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City  
LEASE NUMBER U-010529  
UNIT Long Canyon Unit 1 & 2

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Long Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 63.

Agent's address P. O. Box 1513 Company Southern Natural Gas Company  
Houston 1, Texas Signed [Signature]

Phone CA 8-9681 Agent's title Supervisor-Prod. Clerk

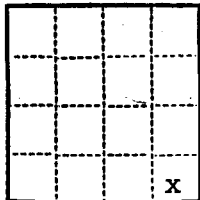
SEC. AND ¼ or ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE-NW	26	20	1	31	6,886	43.6	-	--	--	-
9 SE-SE	26	20	2	0	0		0	0	0	Staked well 566' FEL & 597' FEL of Sec. 9. Applied for drilling permit 4/24/63.

CORRECTED COPY  
New Tank Tables

NOTE.—There were 5,964 runs or sales of oil; None M cu. ft. of gas sold;

None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYField Office Salt Lake City, UtahLease No. U-010529Unit Long Canyon #2

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 27, 1963

Well No. 2 is located 566 ft. from S line and 597 ft. from E line of sec. 9SE/4 - SE/4 Sec. 9  
(1/4 Sec. and Sec. No.)T26S  
(Twp.)R20E  
(Range)S1M  
(Meridian)Long Canyon  
(Field)Grand County  
(County or Subdivision)Utah  
(State or Territory)The elevation of the ~~derick floor~~ <sup>Ground</sup> above sea level is 5,846 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 4,358'.

Ran and set 9-5/8" casing, 53.5#, 47#, 43.5#, and 40#, N-80 at 4,335'.

Cemented casing with 1,150 sacks of cement. Ran Temperature Survey and found cement top at 1,900'±.

Tested casing with 1,500 psi. prior to drilling out May 24, 1963.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas CompanyAddress P. O. Box 1513Houston 1, TexasBy R. H. AdolpheTitle Res Eng

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OK  
7

**SOUTHERN NATURAL GAS COMPANY**

**EXPLORATION AND PRODUCTION DIVISION**

P. O. BOX 1513 - ESPERSON BUILDING

**HOUSTON 1, TEXAS**

May 28, 1963

U. S. Geological Survey  
416 Empire Building  
Salt Lake City, Utah

Re: Long Canyon Unit #2  
Long Canyon Field  
Grand County, Utah

Gentlemen:

Attached for your information and file are three (3) copies of the report of test performed on the 9-5/8" casing set in the Long Canyon Unit #2.

If there is any question on the attached, please contact our Houston office.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



J. B. Cobb

General Drilling Superintendent

JBC/gme

Attachment

cc: Utah Oil & Gas Conservation Commission ✓  
Gulf Oil Corporation, Casper, Wyoming  
Gulf Oil Corporation, Oklahoma City, Oklahoma  
Gulf Oil Corporation, Salt Lake City, Utah  
Gulf Oil Corporation, Denver, Colorado  
Humble Oil and Refining Company, Denver, Colorado  
Humble Oil and Refining Company, Durango, Colorado  
Texas Eastern Transmission Corp., Midland, Texas  
Mr. Keith Somerville, Midland, Texas  
Mr. Wade Smith, Midland, Texas

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5  
Salt Lake City  
LAND OFFICE  
LEASE NUMBER U-010529  
UNIT Long Canyon Unit 182

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Long Canyon  
The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 63,  
Agent's address P. O. Box 1513 Company Southern Natural Gas Company  
Houston 1, Texas Signed Woodruff  
Phone CA 8-9681 Agent's title Supervisor-Prod. Clerks

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE-1/4	26	20	1	26	5,973	44	7,520	-0-	-0-	-0-
9 SE-SE	26	20	2	0	-0-		-0-	-0-	-0-	FD. 6,204 Spudded well May 5, 1963. Set 13-3/8" casing @ 255' Set 9-5/8" casing @ 4,335' Now drilling with 17.4#/Gal. Mud

Long Canyon Unit

CORRECTED COPY  
NEW TANK TALLIES

NOTE.—There were 5,810 Bbls. runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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**SOUTHERN NATURAL GAS COMPANY**

**EXPLORATION AND PRODUCTION DIVISION**

P. O. BOX 1513 - ESPERSON BUILDING

**HOUSTON 1, TEXAS**

June 11, 1963

U. S. Geological Survey  
416 Empire Building  
Salt Lake City, Utah

Re: Long Canyon Unit #2  
Long Canyon Field  
Grand County, Utah

Gentlemen:

Attached are three (3) copies of Notice of Intention to Perforate subject well to test the Cane Creek Formation for production.

If there is any question on the attached, please contact our Houston office.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



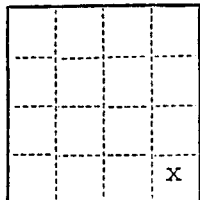
J. B. Cobb  
General Drilling Superintendent

JBC/gme

Attachment

cc: Utah State Oil and Gas Conservation Commission  
Gulf Oil Corporation, Casper, Wyoming  
Gulf Oil Corporation, Oklahoma City 2, Oklahoma  
Gulf Oil Corporation, Salt Lake City, Utah  
Gulf Oil Corporation, Durango, Colorado  
Humble Oil and Refining Co., Denver, Colorado  
Humble Oil and Refining Co., Durango, Colorado  
Texas Eastern Transmission Corp., Oklahoma City, Oklahoma  
Mr. Keith Somerville  
Mr. Wade Smith  
Mr. R. W. Stoneburner  
Well File  
Corporate Files

N.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.  
Approval expires 12-31-55.

Land Office Salt Lake City, Utah  
Lease No. U-010529  
Unit Long Canyon #2

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	X	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 11, 1963

Well No. 2 is located 566 ft. from XXX line and 597 ft. from XX line of sec. 9

SE/4 - SE/4  
(1/4 Sec. and Sec. No.)

T26S  
(Twp.)

R20E  
(Range)

SIM  
(Meridian)

Long Canyon  
(Field)

Grand County  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~surface~~ <sup>Ground</sup> floor above sea level is 5,846 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plans are to perforate the Cane Creek Formation from 7,281' to 7,305' and test this well for production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company

Address P. O. Box 1513

Houston 1, Texas

By R. D. Adolph

Title Pet Eng

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE **Salt Lake City**  
LEASE NUMBER **U-016329**  
UNIT **Long Canyon Unit 1 & 2**

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Long Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 63,

Agent's address P. O. Box 1513 Company Southern Natural Gas Company  
Houston 1, Texas Signed [Signature]

Phone CA 8-9681 Agent's title Production Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE-NW	26	20	1	17	3,789	41.5	4,695	-0-	-0-	Moved in rig and began to pull tubing 6/28/63.
9	26	20	2	0	0	0	0	0	0	Drilled to 7386' with 18#/gal. mud. Cored from 7267' to 7386' in the Cane Creek Formation. Ran 5 1/2' casing to 7385'. Perforated 7281' to 7305'. (5 times) Acidized twice. Released rig 4 PM 6/24/63 to test well. Well flow small amount of oil to pit. Will continue to test.

NOTE.—There were 4,647 runs or sales of oil; None M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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SOUTHERN NATURAL GAS COMPANY

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EXPLORATION AND PRODUCTION DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

July 5, 1963

U. S. Geological Survey  
416 Empire Building  
Salt Lake City, Utah

Re: Long Canyon Unit #2  
Long Canyon Field  
Grand County, Utah

Gentlemen:

Attached are three (3) copies of Notice of Intention to Deepen  
subject well to test the Mississippian Formation for production.

If there is any question on the attached, please contact me at  
the above address.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



J. B. Cobb  
General Drilling Superintendent

JBC/gme

Attachment

cc: Utah State Oil and Gas Conservation Commission ✓  
Gulf Oil Corporation, Casper, Wyoming  
Gulf Oil Corporation, Oklahoma City 2, Oklahoma  
Gulf Oil Corporation, Salt Lake City, Utah  
Gulf Oil Corporation, Denver, Colorado  
Humble Oil and Refining Co., Denver, Colorado  
Humble Oil and Refining Co., Durango, Colorado  
Texas Eastern Transmission Corp., Oklahoma City, Oklahoma  
Mr. Keith Somerville  
Mr. Wade Smith  
Mr. R. W. Stoneburner  
Well File  
Corporate Files

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Salt Lake City,  
Utah  
Lease No. U-010529  
Unit Long Canyon Unit #2

			X

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	X	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 5, 1963

Well No. 2 is located 566 ft. from SW line and 597 ft. from E line of sec. 9  
SE/4 of SE/4 Sec. 9 T26S R20E SIM  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Long Canyon Grand County Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5,846 ft.

## DETAILS OF WORK

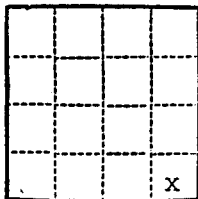
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Well Data: Total Depth 7,386'  
 5-1/2", 20#, N-80, LT&C Casing set at 7,385'  
 Perforations 7,281' to 7,305' in the Cane Creek Formation did  
 not give a commercial test.

Plans are to drill this well deeper to 8,500'± to test the Mississippian Formation for production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas CompanyAddress P. O. Box 1513Houston 1, TexasBy R. H. AdairTitle Petroleum Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Land Office Salt Lake City  
Lease No. U-010529  
Unit Long Canyon Unit #2

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	X	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 30, 1963

Well No. 2 is located 566 ft. from S line and 597 ft. from E line of sec. 9  
SE/4-SE/4 Sec. 9 T26S R20E SIM  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Long Canyon Grand County Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5,846 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Well Data: Total Depth 7,691', Hole Size 4-5/8"  
 Casing 5-1/2"; set at 7,385'  
 Unable to drill deeper due to lost circulation zones encountered.

Plans Are To: 1. Log at present total depth.  
 2. Plug back with cement and bridge plug to 7,350'.  
 3. Perforate Cane Creek Formation for test 7,305' to 7,336'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company / APPROVED BY OIL & GAS CONSERVATION COMMISSION  
 Address P. O. Box 1513 by Chas. E. Lupton, EXECUTIVE DIRECTOR  
Houston 77001, Texas By R. D. Adelphi  
 Title Petroleum Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved,  
Budget Bureau No. 42-B355.5.  
**Salt Lake City**  
LAND OFFICE **U-010529**  
LEASE NUMBER **Long Canyon Unit 1 & 2**  
UNIT

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Long Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1963,

Agent's address P. O. Box 1513 Company Southern Natural Gas Company  
Houston 1, Texas

Signed R. H. Kerr

Phone \_\_\_\_\_ Agent's title Production Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE-NW	26	20	1	23	3,295	40.0	4,083	-0-	-0-	Pulled TBG. Cleaned out the casing to 7373'. (Found 5' salt bridge at 7156') Ran TBG. No change in Cane Creek. Perfs 7,050' to 75'. Released rig 7/5/63. Moved rig back on this well 7/10/63. Made 2-cement squeezes on perfs 7281'-7305' in Cane Creek to abandon this zone. Drilled below 5½" casing w/ 4 5/8" bit. Drilled to 7691'. Unable to drill deeper due to lost circulation zones. Now plugging back to test Cane Creek zone for production.
9 SE-SE	26	20	2	0	-0-	-0-	-0-	-0-	-0-	

\* 365 Bbls. net transferred to Long Canyon Unit 2 for Heated Oil Treatment.

NOTE.—There were \*2,471 Bbls. runs or sales of oil; No M cu. ft. of gas sold;  
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

U.S. LAND OFFICE Salt Lake City  
SERIAL NUMBER U-010529  
LEASE OR PERMIT TO PROSPECT       

UNITED STATES

DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY**

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Southern Natural Gas Company Address P. O. Box 1513, Houston 1, Texas  
Lessor or Tract Long Canyon Unit #2 Field Long Canyon State Utah  
Well No. 2 Sec. 9 T. 26S R. 20E Meridian SLM County Grand  
Location 566 ft. [N.] of S Line and 597 ft. [W.] of E Line of Sec. 9 Elevation 5,857.7'  
(Depth does not relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date August 14, 1963 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling May 5, 1963 Finished drilling June 11, 1963  
 " " July 10, 1963 AUGUST 2, 1963

**OIL OR GAS SANDS OR ZONES**

(Denote gas by  $G$ )

No. 1, from 7,253 to 7,332      No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 6,676 to 6,687      No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_      No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	255	200	Pump & Plug	Air	Capacity of Casing
9-5/8	4,335	700	Pump & Plug	Air	Capacity of Casing
			Pump & Plug	17 1/2 Gal	Capacity of Casing

Heaving plug—Material Cement Length 100 Sacks Depth set Top at 7,105'  
 Adapters—Material Cement Size 100 Sacks Top at 7,322'  
 DM Retainer @ 7,365'

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from 0 feet to T.D. feet, and from   feet to   feet  
~~Other tools were used from   feet to   feet, and from   feet to   feet~~

## DATES

August 13, 1963

Put to producing August 13, 1963

The production for the first 24 hours was 217 barrels of fluid of which 100 % was oil;   %  
 emulsion;   % water; and   % sediment.

Gravity, °Bé.  

If gas well, cu. ft. per 24 hours  

Gallons gasoline per 1,000 cu. ft. of gas  

Rock pressure, lbs. per sq. in.  

## EMPLOYEES

 , Driller  , Driller  
 , Driller  , Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	360	360	Surface Sands
360	702	342	Chinle
702	718	16	Shinarump
718	985	267	Moenkopi
985	2,302	1,317	Coconino
2,302	3,930	1,628	Hermosa
3,930	3,993	63	Upper Paradox
3,993	7,253	3,260	Middle Paradox
7,253	7,332	79	Cane Creek
7,332	7,386	54	Lower Paradox
<u>Re-Entered and drilled deeper</u>			
7,386	7,770	384	Lower Paradox
7,770	7,791	21	Mississippian

YHP  
Sew

7

SUPPLEMENT TO FORM 9-330  
LOG OF OIL OR GAS WELL

COMPANY: SOUTHERN NATURAL GAS COMPANY  
WELL: LONG CANYON UNIT #2

History of Oil Well

<u>Date</u>	<u>T.D.</u>	<u>Activity</u>
May 5, 1963		Spudded Well.
May 7, 1963	261'	Ran 13-3/8" casing to 255'. Cemented with 200 sacks of cement.
May 24, 1963	4,358'	Ran 9-5/8" casing to 4,335'. Cemented with 700 sacks of cement. Discontinued air drilling. Drilled out of 9-5/8" casing with saturated salt.
June 12, 1963	7,386'	Ran 5-1/2" casing to 7,385'. Cemented with 1,080 sacks of cement.
June 12-25		Tested Cane Creek Zone through perforations 7,281-7,305'. Made acid job and swab tested well.
June 25, 1963		Released rig to workover Long Canyon Unit #1.
July 3, 1963		Made "Hot Oil" treatment on perforations 7,281-7,305' to stimulate formation with no results.
July 10, 1963		Began operations to drill deeper to test Mississippian for production.
August 2, 1963	7,691	Discontinued drilling operations to test the Cane Creek for production.
August 2-8	7,352 PB	Tested Cane Creek through perforations 7,255-81' and 7,305-30' with no results. Abandoned perforations by squeezing with cement. ✓ Left top of cement at 7,150'.
August 9	7,150 PB	Completed well in Clastic #18 through perforations 6,676-87' as an oil well. Released rig.

*Send  
to  
file  
Cio*

**SOUTHERN NATURAL GAS COMPANY**

**EXPLORATION AND PRODUCTION DIVISION**

P. O. BOX 1513 - ESPERSON BUILDING

**HOUSTON 1, TEXAS**

August 16, 1963

*✓  
DW  
7*

U. S. Geological Survey  
416 Empire Building  
Salt Lake City, Utah

Re: Long Canyon Unit #2  
Long Canyon Field  
Grand County, Utah

Gentlemen:

Attached for your information and file are three copies of Log of Oil Well, Form 9-330, prepared for subject well.

Please note that this well was originally drilled to 7,386' where drilling operations were suspended while we tested the Cane Creek. We then re-entered this well and drilled to 7,791'. We then plugged back, tested the Cane Creek and completed the well in Clastic #18.

If there is any question on the above or the attached, please contact.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY

*R. H. Adolph*

R. H. Adolph  
Petroleum Engineer

RHA/gme

cc: Utah State Oil and Gas Conservation Commission  
Gulf Oil Corporation, Casper, Wyoming  
Gulf Oil Corporation, Oklahoma City, Oklahoma  
Gulf Oil Corporation, Salt Lake City, Utah  
Gulf Oil Corporation, Denver, Colorado  
Humble Oil & Refining Company, Durango, Colorado  
Humble Oil & Refining Company, Denver, Colorado  
Mr. John Williams  
Mr. Hal Kerr  
Mr. Roger Stoneburner  
Mr. Cecil Woodruff  
Mr. Keith Somerville, Midland  
Mr. Wade Smith, Midland  
Well File  
Corporate Files

*W.*

August 21, 1963

Southern Natural Gas Company  
P. O. Box 1513, Esperson Bldg.  
Houston 1, Texas

Attn: J. B. Cobb, General Drilling Superintendent

Re: Well No. Long Canyon Unit #2  
Sec. 9, 26 S., R. 20 E.,  
Grand County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radio-activity logs for the above mentioned well are due and have not been filed with this office in accordance with our Rules and Regulations.

Your attention to this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

CNP:tw

# SOUTHERN NATURAL GAS COMPANY

## EXPLORATION AND PRODUCTION DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

August 29, 1963

The State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

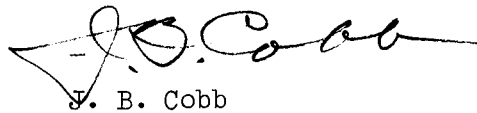
Re: Long Canyon Unit #2  
Long Canyon Field  
Grand County, Utah

Gentlemen:

Enclosed please find the logs requested in your letter dated August 21, 1963. These should have been filed by our Midland office, but as the District Geologist in charge there is on vacation, I am sending these copies in order to expedite things.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



J. B. Cobb  
General Drilling Superintendent

JBC/gme

Encl.

cc: Mr. Keith Somerville - Midland  
Well File  
Corporate

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 412-3856.5  
LAND OFFICE Salt Lake City  
U-010529  
LEASE NUMBER Long Canyon Unit #182  
UNIT \_\_\_\_\_

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Long Canyon  
The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1963  
Agent's address P. O. Box 1513 Company Southern Natural Gas Company  
Houston 1, Texas Signed [Signature]  
Phone CA 8-9681 Agent's title Supervisor Prod. Clerks

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE-NW	26	20	1	31	3,373	40.0	4,968	-0-	-0-	
9 SE-SE	26	20	2	20	1,911	43.1	1,838	-0-	-0-	Tested Cane Creek Zone but did not Have any production. Plugged back to 7150'. Completed well in clastic #18 through perfs. 6676'-87' as an oil well. Released rig 8/8/63.

NOTE.—There were 5,081 runs or sales of oil; No M cu. ft. of gas sold;  
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE **Salt Lake City**  
LEASE NUMBER **U-010529**  
UNIT **Long Canyon Unit 1 & 2**

LESSEE'S MONTHLY REPORT OF OPERATIONS

*Corrected Copy*

State **Utah** County **Grand** Field **Long Canyon**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **August**, 19**63**,

Agent's address **P. O. Box 1513** Company **Southern Natural Gas Company**  
**Houston 1, Texas** Signed *Edmond*

Phone **CApitol 8-9681** Agent's title **Supervisor-Prod. Clerks**

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>9 SE-NW</b>	<b>26</b>	<b>20</b>	<b>1</b>	<b>31</b>	<b>3,373</b>	<b>40.0</b>	<b>4,968</b> <i>1050 2/3</i>	<b>-0-</b>	<b>-0-</b>	
					<i>Long Canyon Unit</i>					
<b>9 SE-SE</b>	<b>26</b>	<b>20</b>	<b>2</b>	<b>20</b>	<b>2,145</b>	<b>43.1</b>	<b>2,063</b> <i>96 2/3</i>	<b>-0-</b>	<b>-0-</b>	<b>Tested Cane Creek Zone but did not have any prod. Plugged back to 7150'. Completed well in Clastic # 18 Through Perfs. 6676' - 87' as an oil well. Released right 8/8/63</b>

NOTE.—There were **5,314** runs or sales of oil; **No** M cu. ft. of gas sold;

**No** runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

610

*Copy 4 Left*

*AKB*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
LAND OFFICE **Salt Lake City**  
LEASE NUMBER **U-010529**  
UNIT **Long Canyon Unit Well**  
**# 1 & 2**

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State **UTAH** County **GRAND** Field **LONG CANYON**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **FEBRUARY**, 19 **64**,

Agent's address **P. O. BOX 1513** Company **SOUTHERN NATURAL GAS COMPANY**  
**HOUSTON, TEXAS (77001)** Signed *Okunich*

Phone **CA 8-9681 (AREA CODE 713)** Agent's title **SUPERVISOR-PROD. CLERK**

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>9</b> <b>SE NW</b>	<b>26</b>	<b>20</b>	<b>1</b>	<b>25</b>	<b>6,115</b> ✓	<b>46.2</b>	<b>7,203</b> ✓			
<b>9</b> <b>SE SE</b>	<b>26</b>	<b>20</b>	<b>2</b>	<b>13</b>	<b>1,070</b>	<b>38.1</b>	<b>1,380</b> ✓			Moved in Pulling Unit 2/7/64 to pull well. Recovered wireline tools stuck in tubing. Re-ran tubing with a circulating valve in the bottom of the tubing. Released rig 2/11/64.

NOTE.—There were **7,593** runs or sales of oil; **NO** M cu. ft. of gas sold;  
**NO** runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

P.

COPY

SOUTHERN NATURAL GAS COMPANY  
P. O. BOX 1513 - ESPERSON BUILDING  
HOUSTON, TEXAS 77001

COPY

October 21, 1965

United States  
Department of the Interior  
Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

Re: Long Canyon Unit Well No. 2  
Grand County, Utah

Attention Mr. Rodney A. Smith

Gentlemen:

We are enclosing three copies of Form 9-331a, Notice of Intention to Shoot or Acidize and Notice of Intention to Abandon Well, on the subject well.

Yours very truly,



J. B. Cobb  
General Drilling Superintendent

JBC/sm

cc: The State of Utah  
Oil & Gas Conservation Commission  
348 East South Temple - Suite 301  
Salt Lake City, Utah

**Salt Lake City**

**Land Office**

U-010529

**Loan No.**

**Long Canyon Unit 2**

Unit

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

**(SUBMIT IN TRIPLICATE)**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY


## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 21, 1965

Well No. 2 is located 566 ft. from S line and 597 ft. from E line of sec. 9

**SE/4 - SE/4 Section 9**  
(1/4 Sec. and Sec. No.)

1248

**DOE**

314

Long Canyon  
(Field)

## Grand County

Utah

The elevation of the derrick floor above sea level is 5.84 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plans are to:

1. Abandon Claistic #1B zone, perforations 667'-67'. This is a depleted oil zone.
2. Shoot the Cane Creek interval with nitroglycerine and test.
3. If test is commercial, this well will be completed as a single oil well.
4. If test is noncommercial, this well will be abandoned by placing cement plugs across all perforated intervals and at the surface. A marker will be placed at the surface.

CONSERVATION COMMISSION

DATE 10-28-65

by James H. Pennington Chief Petroleum Engineer

Approval conditional upon a more detailed  
plugging program being furnished this  
office

**I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.**

Company Southern Natural Gas Company

Address P. O. Box 1513

Houston, Texas 77001

By J. B. Cobb J. B. Cobb

Title ~~General Drilling Superintendent~~

FULL RATE	IMMEDIATE DELIVERY	X
DAY LETTER	2 TO 4 HOUR DELIVERY	
NIGHT LETTER	DELIVERY 8:00 NEXT MORNING	

SOUTHERN NATURAL GAS COMP. Y

TELEGRAM

INDICATE CHARGE

INDICATE TYPE OF SERVICE, OTHERWISE FULL RATE WILL APPLY

OCTOBER 29, 1965

GULF OIL CORPORATION  
P. O. DRAWER 1938  
ROSWELL, NEW MEXICO

ATTENTION: MR. M. T. TAYLOR

RE: LONG CANYON UNIT NO. 2 WELL  
LONG CANYON FIELD  
GRAND COUNTY, TEXAS

REFERENCE IS MADE TO SOUTHERN'S AFE NO. 65-601-38 COVERING RECOMPLETION  
OF LONG CANYON UNIT NO. 2 WELL, GRAND COUNTY, UTAH, APPROVED BY GULF ON  
JULY 20, 1965. THIS IS TO ADVISE THAT SOUTHERN WILL PROCEED WITH THE  
WORKOVER, TESTING AND RECOMPLETION COMMENCING WITHIN THE NEXT TWO WEEKS.

SOUTHERN NATURAL GAS COMPANY  
WADE H. SMITH - LAND DEPARTMENT

CC BY MAIL: MR. J. R. SCHWABROW  
REGIONAL OIL AND GAS SUPERVISOR  
U.S. DEPT. OF THE INTERIOR  
P. O. BOX 400  
CASPER, WYOMING

U.S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
416 EMPIRE BUILDING  
SALT LAKE CITY, UTAH 84111  
ATTENTION: DISTRICT ENGINEER

THE STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTHTEMPLE, SUITE 301  
SALT LAKE CITY, UTAH  
ATTENTION: MR. PAUL W. BURCHELL, CHIEF ENGINEER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5  
**Utah**  
LAND OFFICE \_\_\_\_\_  
LEASE NUMBER \_\_\_\_\_  
UNIT \_\_\_\_\_  
**Long Canyon Un. 182**

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Long Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1965,

Agent's address P. O. Box 1513 Company Southern Natural Gas Company  
Houston, Texas (77001) Signed C. K. Woodruff

Phone CA 8-9681 (Area Code 713) Agent's title Supervisor-Prod. Clerks

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>PARADOX FORMATION CLASTIC 21 PARTICIPATING AREA</b>										
9 SE-NW	26	20	1	30	6,749	44.7	12,371	-	173	
<b>PARADOX FORMATION CLASTIC 18 PARTICIPATING AREA</b>										
9 SE-SE	26	20	2	-0-	-	-	-	-	-	Plugging Well: Cleaned out well to 7350'. Made cement squeeze on Perf. 6676-87: Cleaned out to 7350; 2nd cement squeeze @ 6676-87. Stuck squeeze tool in hole. Set 50 sx. cement plug 5230-5700. Prep to P & A. ✓

NOTE.—There were 6,907 Bbls. runs or sales of oil; NO M cu. ft. of gas sold;  
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

COPY

SOUTHERN NATURAL GAS COMPANY  
P. O. BOX 1513 - ESPERSON BUILDING  
HOUSTON, TEXAS 77001

COPY

December 7, 1965

U. S. Department of the Interior  
Geological Survey  
Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah

Re: Plug and Abandon Report  
Long Canyon Unit #2  
Well #1

Gentlemen:

Attached are three copies of a report showing the procedure used to plug and abandon the Long Canyon Unit #2, Well #1, Grand County, Utah. The procedure used was discussed by your office with our Mr. W. W. Whelchel prior to plugging the well.

This well was plugged and abandoned December 2, 1965; however, the production equipment will not be removed from the lease until a later date.

If there is any question on the above or the attached, please call me.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



J. B. Cobb  
General Drilling Superintendent

JBC/gme

cc: Utah State Oil and Gas Commission, Salt Lake City, Utah ✓  
U. S. Geological Survey, Casper, Wyoming  
Humble Oil and Refining Company, Denver, Colorado  
Gulf Oil Corporation, Roswell, New Mexico  
Mr. Wade Smith  
Mr. Keith Somerville  
Mr. C. K. Woodruff  
Well File  
Corporate Files

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

U-010 529

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-None-

7. UNIT AGREEMENT NAME

Long Canyon Unit #2

8. FARM OR LEASE NAME

Long Canyon Unit #2

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Long Canyon-#18 Clastic

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 9, T26S, R20E, SIM

12. COUNTY OR PARISH 13. STATE

Grand

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)1. OIL WELL ☐ GAS WELL ☐ OTHER Plug and Abandon

2. NAME OF OPERATOR

Southern Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 1513, Houston, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

566' FSL &amp; 597' FEL of Sec. 9, T26S, R20E, Grand County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 5,846

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

Original plans were to abandon the #18 Clastic, a depleted oil zone in this well, and test the Cane Creek Formation for production. Due to hole conditions, this test was not made and the well was plugged and abandoned as follows:

11-25 Cleaned out to 7,350'  
11-26 Made cement squeeze, perforations 6,676-87' in Clastic #18  
11-29 Cleaned out to 7,350', set bridge plug at 6,733' (This isolated old perforations 7,255-75' in the Cane Creek.) Made second cement squeeze, 200 sacks, of perforations 6,676-87'. Squeeze tool stuck in the hole at 6,200'. Cut tubing at 5,893' and left squeeze tool in the hole.

11-31 Set 50 sack cement plug from 5,230' to 5,700'. Job complete at 7:30 P.M. 11-30-65. Set 10 sack cement plug at surface. Unable to pump into annulus between 9-5/8" x 5-1/2" casing with 1,500 psi. Pumped 50 sacks of cement in annulus between 9-5/8" x 13-3/8" casing.

12-2 Removed Xmas Tree. Set Dry Hole Marker with required information. Job complete 12-2-65.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Gen. Drilling Sup't.

DATE 12-8-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5

LAND OFFICE UTAH  
LEASE NUMBER \_\_\_\_\_  
UNIT LONG CANYON UN. 1 & 2

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County GRAND Field LONG CANYON

The following is a correct report of operations and production (including drilling and producing wells) for the month of DECEMBER, 19 65,

Agent's address P. O. BOX 1513 Company SOUTHERN NATURAL GAS COMPANY  
HOUSTON, TEXAS (77001) Signed ekw-dmff

Phone CA 8-9681 (AREA CODE 713) Agent's title SUPERVISOR-PRODUCTION CLERKS

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>PARADOX FORMATION CLASTIC 21 PARTICIPATING AREA</b>										
9 SE-NW	26	20	1	31	7,410	44.4	13,583	-	190	
<b>PARADOX FORMATION CLASTIC 18 PARTICIPATING AREA</b>										
9 SE-SE	26	20	2	-0-	-0-	-	-0-	-	-	Set 50 sks. cmt. plug @ 5700-5230. Set 10 sks. cmt. plug @ surface. Pcpd. 50 sks. cement between 9-5/8" & 13-3/8" csg. Set dry hole marker, plug & Abd. 12/2/65.

NOTE.—There were 6,883 Hbls. runs or sales of oil; NO M cu. ft. of gas sold;  
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.